

Doctoral Scientists and Engineers: 1997 Profile Tables

In continuing the series of reporting on the demographic and employment profile of doctorate-level scientists and engineers in the United States, this set of profile tables was produced to complement the data tables in the *Characteristics of Doctoral Scientists and Engineers: 1997* report from the Survey of Doctorate Recipients (SDR). SDR is a longitudinal panel survey of individuals who have received their doctorates mainly in the sciences or engineering fields.

Unlike the general employment and demographic characteristics presented in the *Characteristics* report series, these profile tables focus on the survey data which provides more detailed profiles of the employed doctoral scientists and engineers. These include reasons for making certain choices in employment situations, work-related activities, and special module data collected only in 1997, such as job security concerns, alternative work arrangements, job satisfaction, recent doctoral recipients' experiences in finding first career path job and evaluation of doctoral training, etc.

The 1997 SDR is the thirteenth in a series of surveys initiated in 1973 in response to the needs of the federal government for demographic and employment information on scientists and engineers trained at the doctoral level. This 1997 survey was sponsored by the National Science Foundation and the National Institutes of Health. The purpose of the SDR, since its inception, has been to estimate the number of people holding research doctorates from U.S. institutions in science and engineering who reside in the United States and to characterize their demographic and employment patterns.

The sampling frame for the SDR is the Doctorate Records File (DRF), a census of all research doctorates earned in the United States since 1920. The SDR sample for 1997 was 54,103. The data in these tables focuses on those doctorates who earned their degrees in a science or engineering field from a U.S. institution between January 1942 and June 1996 and were age 75 or younger and residing in the United States in April 1997. The estimated size of this population is 582,100.

For more information on the survey methodology, see Appendix A in the *Characteristics of Doctoral Scientists and Engineers: 1997* report. For further information, please contact:

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